		Atty. Docket No	.: D-43664-01		Serial No.:	10/719,62	
	ON DISCLOSURE					0	~
(1) S		Applicant(s): E	Sarmore et al.		Examiner:	Fo be assi	gned
JAN 0 6 2005		Filing Date: No	vember 21, 2003		Group: 177	5-17-7	2
Property of the state of the st	1	U.S. PATENT	DOCUMENTS				
Examiner Initials	Document Number	Date	Name	Class	Sub Class	Filing D Approp	
Me	US 6,794,191 B2	9/21/04	Putnam et al.				<u> </u>
	· · · · · · · · · · · · · · · · · · ·						
					<u> </u>		<del></del>
		OREIGN PATER	NT DOCUMENTS			<u> </u>	
	Document Number	Date	Country	Clas	Sub- Class		
						Yes	No
							<u> </u>
				_			<u> </u>
						<u> </u>	<u> </u>
					`		<del> </del>
							$\vdash$
				•			+
							<del>                                     </del>
		<u> </u>					<u> </u>
	OTHER DOCUMENT	<b>FS (Including Aut</b>	hors, Title, Date, Pertino	ent Papers	, etc.)		
		<u> </u>	<u> </u>	- <del></del>		<del></del>	
		•					
EXAMINER		, .	Date Considered	1, 5 %			
Lech	hack him	>	*8,	18/02	· )		
	eresice considered, whether or no y of this form with next communi		nance with MPEP 609; Draw li	ne through ci	tation if not in co	nformance :	and not

			Atty. Docket No	n: <b>D-43664-</b> 01		Serial No.: 10/719,625		
	MATION OF TA	N DISCLOSURE TION						
	. ' '¢			Examiner:	To be assi	gned		
٠ ١٠٠	0 6 2005	Č.	Filing Date: No	vember 21, 2003		Group: 177	15-177	2
Examiner	A THE PARTY OF		U.S. PATENT	DOCUMENTS				
Examiner Initials	MALICA	Document Number	Date	Name	Class	Sub Class	Filing Da Appropr	
illed		US 6,680,094 B2	1/20/2004	Kikuchi et al.				
/				<del> </del>			ļ	
			:		-		<u> </u>	
					-			
		1	OREIGN PATE	NT DOCUMENTS			L,	
		Document Number	Date Country Clas			Sub- Class	Translation	
							Yes	No
	! <del> </del>				·			
					-		<u> </u>	
							<u> </u>	
	<u> </u>							
					•			
		OTHER DOCUMENT	rs (Including Aut	hors, Title, Date, Pertine	nt Papers,	etc.)		
EXAMINE	R	hoole of	16	Date Considered 8	18/0	5		
	nitial if refere		t distion is in conform	nance with MPEP 609; Draw lin	e through cit	ation if not in co	nformance a	nd not

Based on Form PTO-FB-A820 (also form PTO-1449)

PTO/SB/08A (08-03) Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE uder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number 10/719,625

Filing Date November 21, 2003

First Named Inventor Charles R. Barmore

Art Unit 1775 / 77 The Examiner Name To be assigned with Market Number D-43664-01

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	Cite No.1	Number-Kind Code <sup>2 (F known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
earl	1.	<sup>US-</sup> 2003/0108702 A1	06/12/2003	Tung et al.	
		US-			
		US-			
•		US-			
		US-			
•		US-			
		US-			
		US-			

		FOREI	GN PATENT DOCU	MENTS		
Examiner Initials*		Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
110.	Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear		
	L				<u> </u>	<u> </u>
<u></u>						

·		 	
Examiner Signature	Audal C. Si	Date Considered	8/18/05

\*EXAMINER: Initial if reference considered, whether or noticiation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English tanguage Translation is attached.

Traiscation is alladed.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

The Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/719,625			
Filing Date	November 21, 2003			
First Named Inventor	Charles R. Barmore			
Art Unit	1775-1772			
Examiner Name	To be assigned M. Wiks CVF			
Attorney Docket Number	D-43664-01			

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	<b></b>	Number-Kind Code <sup>2</sup> (f known)			
	1	US-			
		US-			
	<b></b>	US-			
		US-			
		US-			
	ŧ	US-			
		US-			
		US-	1		
		US-			
		US-			
		US-			
	<b>.</b>	US-			
		US-			
		us			
	T	US-			

		FOREI	GN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	т6
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>8</sup> (if known)	MIMI-DU-TTTT		Of Relevant Figures Appear	Ļ
ACH	1.	WO 02/49923 A2	06/27/2002	Amcor Twinpak		
						L
	<del> </del>					

Examiner Signature	Schael	c. Nie	Date Considered	8/18/05

\*EXAMINER: Initial if reference considered, whether or nexcitation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Nind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of Information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

JUL 16 2004 JUL

PTO/SB/08A (08-03)

Approved for use through 07/31/2006, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control uniform

Substitute for form 1449/PTO

Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known						
Application Number	10/719,625					
Filing Date	11/21/2003					
First Named Inventor	Charles R. Barmore					
Art Unit	1775 1772					
Examiner Name	To be assigned M. Missis					
Attamore Dooket Member	D 42664 04					

U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentse or Applicant of Cited Document	Pages, Columns, Lines, When Relevant Passages or Relevan Figures Appear		
	<b></b>	Number-Kind Code <sup>3</sup> (# tocom)			t gares Appear		
		US-	1	•			
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		us-					
		US-					
		US-					
		US-					
		US-					
		US-		,	- ,		
		US-					
		US-			·		
		US-					
		US-	1 1				
		US-	1				

		FORE	IGN PATENT DOCL	JMENTS		
	Cits No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (If Innown)	MM-DD-YYYY		Or Relevant Figures Appear	T
الرجاكر	1.	WO 02/051705 A2	07/04/2002	Cotterman et al		1
ufcel	2.	WO 02/099416 A1	12/12/2002	Kennedy et al.	7	
						_
······································			·			┡
	<del>                                     </del>					<b>L</b>
	l				1	ь_

Examiner Signature	Sula la	lias	Date Considered	8/18/05

"EXAMINER: Initial of reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.usnto.gov">www.usnto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Wind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

eduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

MANAGE Som 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/719,625			
Filing Date November 21, 2003				
First Named Inventor	Charles R. Barmore			
Art Unit	1775-1772			
Examiner Name	To be assigned M, MS(EN			
Attorney Docket Number	D-43664-01			

	_		U.S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> (f Innum)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
RW	1.	<sup>US-</sup> 4,285,697	08/25/1981	Michael P. Neary	N .
<del></del>	2.	<sup>US-</sup> 4,526,752	07/02/1985	Perlman et al.	
	3.	us- 4,772,560	09/20/1988	Amir J. Attar	
T	4.	<sup>US-</sup> 4,840,919	06/20/1989	Amir J. Attar	
	5.	<sup>US-</sup> 5,096,813	03/17/1992	Krumhar et al.	
	6.	<sup>US-</sup> 5,108,932	04/28/1992	Otto S. Wolfbeis	
	7.	<sup>US-</sup> 5,114,676	05/19/1992	Leiner et al.	
	8.	<sup>US-</sup> 5,316,949	05/31/1994	Bull et al.	
	9.	<sup>US-</sup> 5,407,829	04/18/1995	Wolfbeis et al.	
	10	<sup>US-</sup> 5,439,648	08/08/1995	Balderson et al.	
	11	<sup>US-</sup> 5,458,896	10/17/1995	William L. Porter	
Mel	12	<sup>US-</sup> 5,483,819	01/16/1996	Barmore et al.	
		US-			
		US-	Ī		
-		US-			
		US-			

		FORE	IGN PATENT DOCL	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document			Pages, Columns, Lines, Where Relevant Passages	0
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>8</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	
del	1.	GB 2 132 348 B	05/28/1987	University of Virginia F	atents Foundation	$\Box$
, , , , , , , , , , , , , , , , , , ,						
						<u> </u>
	}					┾╾
						<b>Ļ</b>
					l	L

Examiner Signature	Sucharla	Sugar	Date Considered	8/18/05

\*EXAMINER: Initial if reference considered, whether or noticiation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at <a href="https://www.usplo.gov">www.usplo.gov</a> or MPEP 801.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	Substitute for form 1449/PTO			e required to respond to a collection of information unless it contains a valid OMB control number.  Complete if Known		
Signature for form 1448/PTO				Application Number	10/719,625	
INF	ORMATION	N DIS	SCLOSURE	Filing Date	November 21, 2003	
STA	STATEMENT BY APPLICANT			First Named Inventor	Charles R. Barmore	
				Art Unit	Torbe assigned - [772	
	(Use as many sh	001S 85 /	neceșsa <i>ry)</i>	Examiner Name	To be assigned W. Wissing	
Sheet	1	of	1	Attorney Docket Number	D-43664-01	

	NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²					
del	1.	Japanese Patent Abstract No. JP 2003335380 (Otsuka Seiyaku)						
		-						
		,						

Examiner	1 /2	1	Date	2/10/15
Signature	wan.	Miscon _	Considered	3/10/9
		AND THE MORD CO	O. Daniellas theoret a	itation if not in conformance and not

\*EXAMINER: Initial if reference considered, whether or net cash is in conformance with MPEP 609. Draw line through citation if not in conformance and not

\*EXAMINER: Initial if reference considered, whether or next communication to applicant: a considered. Include copy of this form with next communication to applicant: 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (08-03) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

D-43664-01

the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete If Known

3

of

Sheet

Substitute for form 1449A/PTO Application Number 10/719625 INFORMATION DISCLOSURE Filing Date November 21, 2003 STATEMENT BY APPLICANT First Named Inventor Charles R. Barmore Not yet assigned 1 3 **Art Unit** (use as many sheets as necessary) Examiner Name Not yet assigned

**Attorney Docket Number** 

	U.S. PATENT DOCUMENTS							
Examiner Cite Initials No.1 Number Kind		Document Number  Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
RIX	1.	US- 5,686,161	11/1997	Cullen et al.				
}	2.	US- 4,820,606	04/1989	Miyasaka et al.				
	3.	US- 5,744,246	04/1998	Ching				
	4.	US- 5,529,833	06/1996	Speer et al.				
1	5.	US- 5,358,876	10/1994	Inoue et al.				
	6.	US- 5,043,286	08/1991	Khalil et al.				
$\top$	7.	US- 6,139,799	10/2000	Kimball et al.				
	8.	US- 5,298,310	03/1994	Havens				
	9.	US- 5,439,648	08/08/1995	Balderson et al.				
	10.	US- 5,617,812	04/08/1997	Balderson et al.				
	11.	US- 5,849,594	12/15/1998	Balderson et al.				
	12.	US- 6,190,612 B1	02/20/2001	Berger et al.				
$\Box$	13.	US- 2003/0008400 A1	01/09/2003	Putnam et al.				
	14.	US- 4,810,655	03/07/1989	Khalil et al.				
	15.	US- 5,043,286	08/27/1991	Khalil et al.				
	16.	US- 5,110,530	05/05/1992	Havens				
	17.	US- 5,211,875	05/18/1993	Speer et al.				
	18.	US- 5,316,949	05/31/1994	Bull et al.				
1	19.	US- 5,310,497	05/10/1994	Ve Speer et al.	\ \·			
Je st	20.	US- 5,350,622	09/27/1994	Speer et al.				

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*			Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup> Kind <sup>5</sup>			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	Т°
		1000	(if known)				Figures Appear	۳	
gelex	1		WO 98/05703			02/12/1998	Cook, Jr. et al.		
	2.		WO 01/63264		Al	08/30/2001	Arie Draaijer		
1	3.		WO 01/69243		A1	09/20/2001	Van Duijn et al.		
ACAP	4.		JP2003034001		A	02/04/2003	Toppan Printing		V
<b></b>	├	$\vdash$							╀╌
<del> </del>		11						-	$\vdash$
		$\Box$							
									<u>L_</u>

Examiner	11 0		Date	elin InF
Signature	rehave	- Mus	Considered	0/18/02

\*EXAMINER: Initial if reference considered, whether or not-diation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid QMB control number.

Substitu	te for form 1449A/I	PTO		Complete If Known			
				Application Number	10/719625		
INFO	DRMATIO	N DISC	CLOSURE	Filing Date	November 21, 2003		
STA	TEMENT	BY AP	PLICANT	First Named Inventor	Charles R. Barmore		
• • • • • • • • • • • • • • • • • • • •				Art Unit	Not yet assigned / 7772 .		
	(use as many s	heets as ne	ecessary)	Examiner Name	Not yet assigned M. Micalns		
Sheet	2	of	3	Attorney Docket Number	D-43664-01		

		· · ·	U.S. PAT	ENT DOCUMENTS	
Examiner Initials	Cite No.1	Document Number  Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
les of	21.	US- 5,483,819	01/16/1996	Barmore et al.	
j	22.	US- 5,529,833	06/25/1996	Speer et al.	
	23.	US- 5,583,047	12/10/1996	Blinka et al.	
$\Box$	24.	US- 5,904,960	05/18/1999	Becraft et al.	
7	25.	US- 5,911,910	06/15/1999	Becraft et al.	
	26.	US- 5,993,922	11/30/1999	Babrowicz et al.	
	27.	US- 6,233,907 B1	05/22/2001	Cook, Jr. et al.	
	28.	US- 6,287,481	09/11/2001	Luthra et al.	
	29.	US- 6,297,508 B1	10/02/2001	Barmore et al.	
	30.	US- 5,863,460	01/26/1999	Slovacek et al.	
Red	31.	US- 6,015,715	01/18/2000	Kirschner et al.	
		US-			
	<u> </u>	US-			

	FOREIGN PATENT POOLINENTO								
	FOREIGN PATENT DOCUMENTS								
Examiner	Cite	Foreign Patent Document			Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant		
Initials	No. <sup>3</sup>	Office <sup>3</sup>	Number <sup>4</sup>	Kind <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear		
					•			$\coprod$	
		l							
								$\mathbf{I}_{-}$	

	Examiner Signature		le stusi		Date Considered	2/12/	05	
				s in conformance with MPE				
n	ot considered.	Include copy of this form	with next communication	to applicant. Applicant's e	unique citation de	esignation number (	opfional). S	See Kinds

Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of Information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03)
Approved for use through 06/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitut	te for form 1449B/P	τO		Complete If Known			
				Application Number	10/719625		
INFO	PRMATIO	n dis	SCLOSURE	Filing Date	November 21, 2003		
STA	TEMENT	RY A	PPLICANT	First Named Inventor	Charles R. Barmore		
UIA		<b>5</b> 17	LIOAII	Art Unit	Not yet assigned 1772		
	(use as many	sheets as	s necessary)	Examiner Name	Not yet assigned M, Miss LVK		
Sheet	3	of	3	Attorney Docket Number	D-43664-01		

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.						
All I	1.	"A Novel Solid-State Oxygen Sensor", Johns Hopkins APL Technical Digest, Volume 17, Number 4 (1996), Pages 377-385.						
-	2.	"Effects of Polymer Matrices on the Time-Resolved Luminescence of a Ruthenium Complex Quenched by Oxygen", <u>Journal of Physical Chemistry</u> , 1995, 99, Pages 3162-3167.						
	3.	"Photophysics and Photochemistry of Oxygen Sensors Based on Luminescent Transition-Metal Complexes", Analytical Chemistry 1991, Volume 63, Pages 337-342.						
	4.	"Determination of Oxygen Concentrations by Luminescence Quenching of a Polymer-Immobilized Transition-Metal Complex", Analytical Chemistry, 1987, Volume 59, Pages 2780-2785.						
	5.	"Monitoring - Non-invasive method for determing oxygen in food packaging", Food, Cosmetics and Drug Packaging, June 2000, 2 pages						
	6.	English abstract of JP 2003307513A dated 10/31/2003 entitled "Oxygen indicator for packaging bag, includes ink applied to base, and sealant layer provided on the base through adhesive agent, such taht adhesive agent is not formed on ink portion of base", Toppan Printing Co. Ltd.						
Mcd	7.	Plastics Applications/PET Bottles with Oxygen Scavenger, Plastics Engineering, August 2003, page 16.						
		,	,					

Examiner		Date	ا مارها
Signature	Meliael Sil	Considered	8/18/05

\*EXAMINER: Initial if reference considered, whether or hot oration is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.